

IN THE CLAIMS

The claims are amended as follows:

1. (currently amended) An X-ray detector assembly, comprising:
a substrate;
a detector matrix array disposed on said substrate;
a scintillator material disposed on said detector matrix array; and
an encapsulating coating disposed on said scintillator material, ~~wherein said~~
encapsulating coating comprises comprising two layers of organic material disposed
immediately adjacent to one another, and including a combination of a mono-chloro-poly-
para-xylylene layer and a poly-para-xylylene layer.

2. (original) The detector according to claim 1, wherein said mono-chloro-poly-para-xylylene layer has a thickness ranging from about 2 microns to about 10 microns and said poly-para-xylylene layer has a thickness ranging from about 0.01 microns to about 3 microns.

3. (original) The detector according to claim 1, wherein said poly-para-xylylene layer is disposed over said scintillator material and said mono-chloro-poly-para-xylylene layer is disposed over said poly-para-xylylene layer.

4. (original) The detector according to claim 3, wherein said mono-chloro-poly-para-xylylene layer has a thickness ranging from about 2 microns to about 10 microns and said poly-para-xylylene layer has a thickness ranging from about 0.01 microns to about 3 microns.

5. (currently amended) An X-ray detector assembly, comprising:
a substrate;
a detector matrix array disposed on said substrate;
a scintillator material disposed on said detector matrix array; and
an encapsulating coating disposed on said scintillator material, ~~wherein~~ said encapsulating coating ~~comprises~~ comprising two layers of organic material disposed immediately adjacent to one another, and including a poly-para-xylylene layer disposed over said scintillator material and a mono-chloro-poly-para-xylylene layer disposed over said poly-para-xylylene layer.

6. (original) The detector according to claim 5, wherein said mono-chloro-poly-para-xylylene layer has a thickness ranging from about 2 microns to about 10 microns and said poly-para-xylylene layer has a thickness ranging from about 0.01 microns to about 3 microns.

7. (currently amended) An X-ray detector assembly, comprising:
a substrate;
a detector matrix array disposed on said substrate;
a scintillator material disposed on said detector matrix array; and
an encapsulating coating disposed on said scintillator material, ~~wherein~~ said encapsulating coating ~~comprises~~ comprising two layers of organic material disposed immediately adjacent to one another, and including a poly-para-xylylene layer having a thickness ranging ~~ranging~~ from about 0.01 microns to about 3 microns disposed over said scintillator material and a mono-chloro-poly-para-xylylene layer having a thickness ranging ~~ranging~~ from about 2 microns to about 10 microns disposed over said poly-para-xylylene layer.